REMARKS/ARGUMENTS

Before examining the application on its merits, please consider the following remarks.

In the Office Action issued April 11, 2005, claims 1-10, 17-21, and 28-42 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,619,688 to Bosworth et al. (Bosworth) in view of U.S. Patent No. 6,549,820 to Barrett et al. (Barrett). Claims 11-16 and 22-27 were rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,363,391 to Rosensteel, Jr. (Rosensteel).

Claims 1-42 are now pending in this application. Claims 1, 11, 17, 22, 28, and 33 have been amended to more particularly point out the subject matter that the inventor considers to be the invention.

The applicant respectfully submits that the present invention, according to claims 1-10, 17-21, and 28-42, is not unpatentable over Bosworth in view of Barrett, because even if Bosworth and Barrett were combined as suggested by the Examiner, the result would not be the present invention as claimed. The Examiner notes that Bosworth does not specifically teach trend analysis upon database tables, nor the generation of information in order to perform the trend analysis. Barrett teaches the generation of trend information based upon the stored historical data associated with specific composite parts in the field of non-destructive inspection. Barrett does not teach an adaptive system capable of trend analysis from a given data set, nor does Barrett teach the addition of information to the data set to allow for the trend analysis. Similarly, Barrett does not circumvent the existing labor-intensive requirements of modifying the data model data processing applications in order to capture data over time, which is the problem that is addressed by the present invention. For example, the combination of Bosworth in view of Barrett still does not disclose or suggest the claimed feature, for example, according to claim 1

(and, similarly, independent claims 17, 28, and 33), of automatically updating a database table that is suitable for trend analysis, the database table arranged so that subsequent executions of the same query will cause the database table to be updated with the addition of a current retrieved result dataset so that multiple executions of the same database query cause database table to contain multiple retrieved result datasets upon which trend analysis is to be performed. Thus, the present invention, according to claims 1, 17, 28, and 33, from which claims 2-10, 18-21, and 29-32, and 34-42 depend respectively, is not unpatentable over Bosworth in view of Barrett.

The applicant respectfully submits that the present invention, according to claims 11-16 and 22-27 is not anticipated by Rosensteel. Rosensteel discloses an Application Programming Interface (API) that provides interoperability between different monitoring and administrative components of a data warehouse system that utilizes different standard protocols. Rosensteel discloses standard components of such a system (col. 4, lines 16-31), but does not disclose or suggest capturing and implementing invocations by the database application of functions included in database connectivity layer component that create or update a database table that is suitable for trend analysis, the database table comprising information upon which trend analysis is to be performed and information that is generated in order to perform the trend analysis, the database table arranged so that subsequent executions of the same query will cause the database table to be updated with the addition of a current retrieved result dataset so that multiple executions of the same database query cause database table to contain multiple retrieved result datasets upon which trend analysis is to be performed. The statistics gathered by Rosensteel's implementation involves the collection and examination of data corresponding to specific points in time. Trend analysis deals with potentially the same data, but including a

time dimension, which allows for the analysis to include changes that would not be apparent from raw statistics. Rosensteel provides no disclosure or suggestion of trend analysis, of the involvement of the database connectivity layer with trend analysis, nor of the database table as required by the claim.

Thus, the present invention, according to claim 11, and according to claim 22, which is similar to claim 11, and according to claims 12-16 and 23-27, which depend therefrom, is not anticipated by Rosensteel.

Each of the claims now pending in this application is believed to be in condition for allowance. Accordingly, favorable reconsideration of this case and early issuance of the Notice of Allowance are respectfully requested.
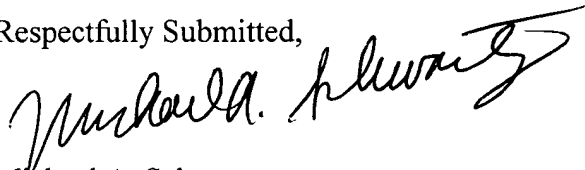
Additional Fees:

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with this application to Deposit Account No. 19-5127 (19111.0063).

Conclusion

In view of the foregoing, all of the Examiner's rejections to the claims are believed to be overcome. The Applicants respectfully request reconsideration and issuance of a Notice of Allowance for all the claims remaining in the application. Should the Examiner feel further communication would facilitate prosecution, he is urged to call the undersigned at the phone number provided below.

Respectfully Submitted,

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